

With respect to independent claim 1, Applicant asserts that this claim and the claims dependent therefrom are allowable since, as previously set forth, Applicant's invention is directed to:

"A vapor fuel generation and management system for an evaporative fuel vapor engine, comprising:

a fuel tank that defines a chamber storing an evaporative liquid fuel, the fuel tank having a liquid fuel outlet and a fuel vapor outlet;

a carbon canister in communication with the fuel vapor outlet of the fuel tank;

a fuel vaporization unit that generates vapor fuel, the fuel vaporization unit including a movable agitator member, the fuel vaporization unit having a liquid fuel inlet in communication with the liquid fuel outlet of the fuel tank, a fuel vapor inlet in communication with the carbon canister, and a vapor fuel outlet in communication with an engine intake manifold; and

a purge valve that controls vapor fuel flow to the engine intake manifold."

With respect to independent claim 8, Applicant asserts that this claim and the claims dependent therefrom are allowable since, as previously set forth, Applicant's invention is directed to:

"A fuel vaporization unit of a vapor fuel generation and management system for an evaporative fuel vapor engine, comprising:

a housing having a wall defining a chamber, the housing chamber having a lower portion and an upper portion, the lower portion formed for a liquid fuel bath, the upper portion formed for a vapor fuel space;

a liquid fuel inlet port in the housing wall;

a fuel vapor inlet port in the housing wall proximate the upper portion;

a vapor fuel outlet port in the housing wall proximate the upper portion;

an agitator member at least partially disposed in the lower portion; and

a motive force device that drives the agitator member."

With respect to independent claim 21, Applicant asserts that this claim and the claims dependent therefrom are allowable since, as previously set forth, Applicant's invention is directed to:

"A method of generating vapor fuel in a fuel vaporization unit for an evaporative fuel vapor engine, the fuel vaporization unit including a housing having a wall defining a chamber, the housing chamber having a lower portion and an upper portion, comprising:

flowing a liquid fuel into the chamber through a first inlet port in the housing wall;

forming a liquid fuel bath in the lower portion of the chamber;

flowing a fuel vapor into the chamber through a second inlet port in the housing wall proximate the upper portion;

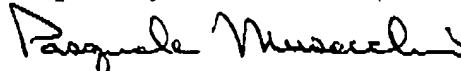
moving an agitator member in the liquid fuel bath with a motive force device;

forming vapor fuel in the upper portion of the chamber; and

flowing the vapor fuel out of the chamber through an outlet port in the housing wall proximate the upper portion."

Applicant does not acquiesce that patentability resides in the characterization expressed in the Statement of Reasons for Allowance.

Respectfully submitted,



Pasquale Musacchio

Reg. No. 36,876

Dated: APRIL 5, 2005

SIEMENS CORPORATION
Customer Number 28524